

WHAT IS CLAIMED IS:

1. A backup system, for use in a multi-source audio apparatus capable of selectively reproducing sound from audio signals received from a plurality of sound sources including an analog tuner according to a user's instruction, for holding operation status information of the multi-source audio apparatus when operating power is shut off, the backup system comprising:

control means for controlling operation of the multi-source audio apparatus;

operation status holding means for holding the operation status information of the multi-source audio apparatus;

non-volatile memory means for storing the operation status information;

power storage means for storing part of the operating power;

operating power detection means for detecting whether or not the operating power is being supplied; and

operation status information write means for selectively writing the operation status information into the non-volatile memory means depending on whether or not the operating power is being supplied.

2. The backup system according to claim 1, wherein the operation status information includes first data to be written

into the non-volatile memory means when the operating power is being supplied to the multi-source audio apparatus and second data to be written into the non-volatile memory means when the operating power to the multi-source audio apparatus is shut off.

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3. The backup system according to claim 2, wherein, while operating power is supplied, the operation status information write means writes the first data into the non-volatile memory means using the operating power, and when the operating power is shut off, the operation status information write means writes the second data into the non-volatile memory means using power stored in the power storage means.

4. The backup system according to claim 3, wherein the operation status information write means writes any of the first data left unwritten to the non-volatile memory means at the time of shutoff of the operating power into the non-volatile memory means together with the second data.

5. The backup system according to claim 1, wherein the non-volatile memory means comprises:

an operation status information storage region for storing the operation status information; and

a program storage region for storing a program for correction processing executed in the event of an occurrence of

a problem in preinstalled microcomputer software for controlling the multi-source audio apparatus.

6. The backup system according to claim 1, wherein the  
5 first data is low in the frequency of change of its contents compared with the second data.

7. The backup system according to claim 1, wherein the  
first data is large in size compared with the second data.  
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8. The backup system according to claim 1, wherein the non-volatile memory means is an EEPROM.

9. The backup system according to claim 1, wherein  
15 information on preset station selection set by a user is also written into the non-volatile memory means when the operating power is shut off during operation of the analog tuner.